GRUNBERG, M,

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 1, 1958.

Mechanization of poultry slaughtering. p. 18.

GRUNBERG, M.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 3
March 1959, Unclass.

## GRUNBERG, M.

### TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 5, 1958.

GRUNBERG, M. Conservation of fishing implements by means of partial cyanoethylation of cotton. p. 3.

Monthly List of East European Accession (EEAL) LC, Vol. 8, no. 3
March 1959 Unclass.

GRUNDERG, M.

Some new methods of preserving fishing nets. p. 21.

REVISTA ENDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. (Ministerul Industriei Bunurilor de Consum) Bucuresti, Rumania. Vol. 6, no. 11, 1958.

Monthly list of East European Accessions (EEAI) LC./no. 8, Aug. 1959.

Uncl.

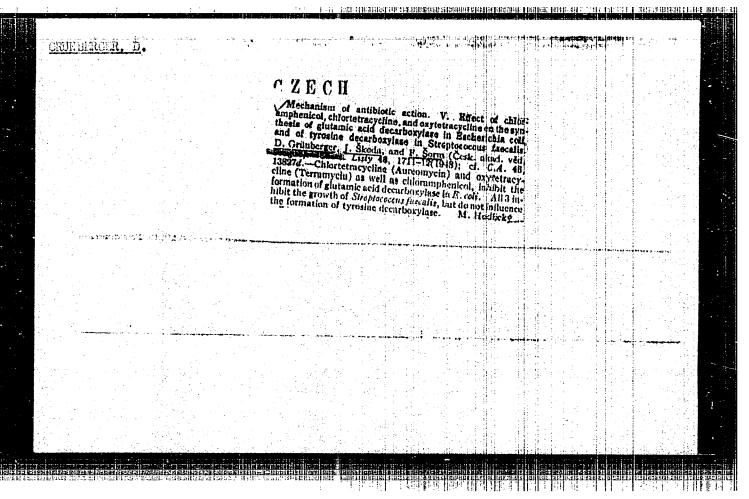
# GRUHBERG. M

TECHNOLOGY

PERIODICAL: RUVISTA INDUSTRIFL ALIMINTARE? PROGUSE VEGSTALE No. 7/8, 1958

GREFFING, H. Manifold use of antibiotics in food industry, especially in vegetable products. p. 25

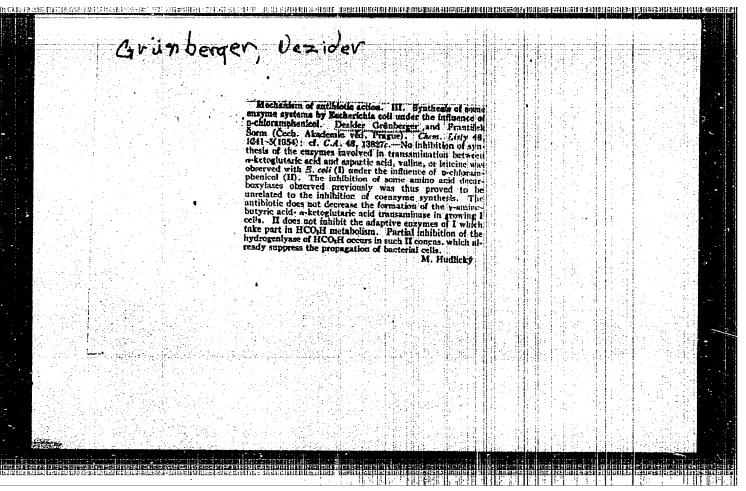
Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 4 April 1959, Unclass

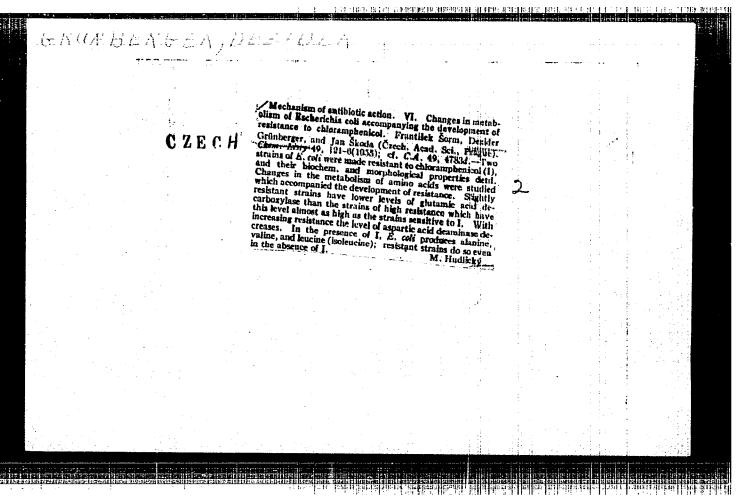


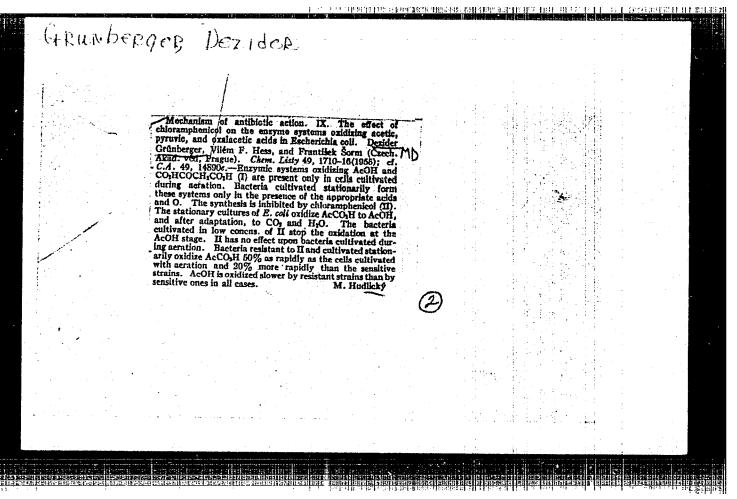
SORM, F.; GRUNBERGER, D.

Inhibition of the formation of certain enzyme systems of Escherichia coli by chloramphenical [in English with summary in Russian]. Sbor. Chekh.khim. rab. 19 no.1:167-173 F 154. (MLRA 7:6)

1. Department of Biochemistry, Institute of Organic Chemistry, Grechoslovak Academy of Science, Prague. (Ensymes) (Escherichia coli) (Chloramphenicol)







CZECHOSLOVAKIA/Physical Chemistry. Radiochemistry. Isotopes.

В

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73178.

Author : Jiri Horacek, Dezider Gruenberger.

Inst

Title

: Rapid Modified Method of C Determination.

Orig Pub: Chem. listy, 1957, 51, No 10,1944-1946.

Abstract: A somewhat modified analytic method of combustion

R-ZhKhim, 1956, 47244, 65356, 68777; 1957, 4826) was applied to prepare standard samples of BaCO3 of tagged organic compounds. Nitrogen oxides were absorbed by MnO2 on silica gel (RZhKhim, 1957, 23513). CO2 was absorbed by NaOH solution in an absorber of a new construction. The total amount of absorbed CO2 was determined by titration;

Card : 1/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617120005-9" CZECHOSLOVAKIA/Physical Chemistry. Radiochemistry. Isotopes.

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73178.

the specific activity was determined by measuring BaCO<sub>2</sub> precipitated from the solution (Hutchens T.T. and others, Nucleonics, 1950, 7, 41). The determination of the specific activity is well reproducible. The combustion equipment is not contaminated with radio-carbon.

Card : 2/2

# 

GRUNBERGER, D.; CERNA, J.; SCRM, F.

Intracellular peptides of Escherichia coli. Coll Cz Chem 25 no.11:
2800-2806 N \*60.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak
Academy of Science, Prague.

(Peptides) (Escherichia coli)

Z/011/62/019/001/001/017 E073/E136

ration e da hor sation in c

AUTHOR:

Grunberger, D.

TITLE:

Use of isotopes in biochemistry

PERIODICAL: Chemie a chemická technologie. Přehled technické a hospodárské literatury, v.19, no.1, 1962, 16, abstract Ch 62-225. (Symposium of the First All-Czechoslovak Conference on Nuclear Engineering, held

January 28-30, 1959, Part II. pp.69-78).

The importance of isotopes in solving the main problems of biochemistry: synthesis of albumen as a foundation of living matter, processes of cell division and multiplication, studied by investigating the metabolism of nucleic acids and problems connected with the biochemistry of nerve tissues. Application of tritium in biochemistry (autoradiography, method of liquid scintillation); tritium-labelled trimidine enables studying the specific incorporation to deoxyribonucleic acids and investigation of nuclear and cytoplasma structure and the function and dynamics of division and multiplication of various Card 1/2

CIA-RDP86-00513R000617120005-9" APPROVED FOR RELEASE: 08/10/2001

Use of isotopes in biochemistry  $\frac{Z/011/62/019/001/001}{E073/E136}$ 

cells at the level of chromosomes. Participation of Czechoslovak biochemists at the Second Geneva Conference - 17 reports.

[Abstractor's note: This is a complete translation.]

card 2/2

KUTACEK, M.; PROCHAZKA, Z.; GRUNBERGER, D.; STAJKOVA, R.

On the bound form of ascorbic acid. Part 17: Biogenesis of ascorbigen, 3-indolylacetonitrile and other indole derivatives in Brassica oleracea L. from DL-tryptophan-3-14C. Coll C2 Chem 27 no.5:1278-1283 My '62.

1. Research Institute for Plant Production, Czechoslovak Academy of Agricultural Science, Prague and Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

(2) 大型医器模型不多素素能質 提出機能基準制制器 医乳粉性内侧切除 的 人名里拉 化重量管子电管管杆孔

CERNA, J.; GRUHBERGER, D.; SORM, F.

Incorporation of 14C-amino acids in the nuclectide-peptides of Escherichia coli and isolation of uridine nucleotide containing peptidic and acetylglucosamine components.

Coll Cz Chem 27 no.6:1422-1427 Je 162.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

GRÜNBERGER, D; SORM, F.

Czechoslovakia

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science -- Prague - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 4, 1963, pp 1044-1050

"Relationship between 8-Azaguanine-containing Ribonucleic Acid and Protein Systhesis in Bacillus cereus."

2

SKVARIL, F.; GRUNDERCER, D., KYNCL, F.

Inhibition of the spontaneous splitting of human y-globulin preparations by g-aminocaproic acid. Coll Cz Chem 28 no.3: 644-651 Mr 263.

1. Institute of Sera and Vaccines, Prague, and Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

GRUNBERGER, D.; SORM, F.

Relationship between 8-azaguanine-containing ribonucleic acid and protein synthesis in Bacillus cereus. Coll Cz Chem 28 no.4: 1044-1051 Ap \*63.

1. Institute of Organic Chemistry and Biochemistry, Czechoslowak Academy of Sciences, Prague.

CERNA, J.; RYCHLIK, I.; GRUNBERGER, D.; SORM, F.

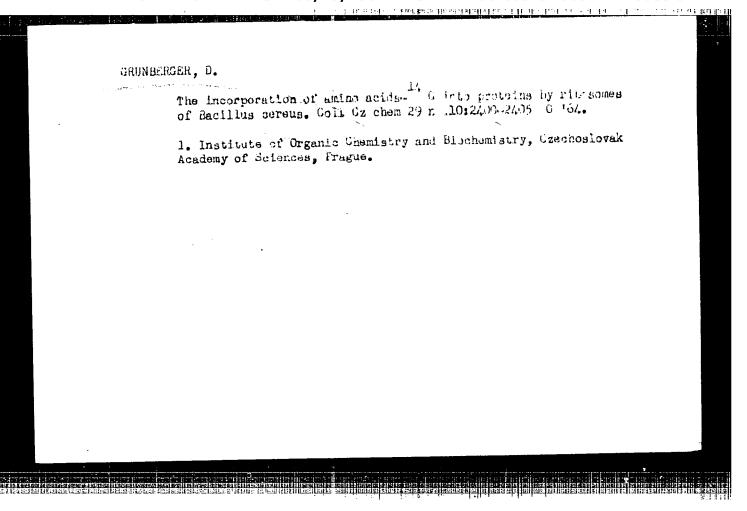
Effect of 5-fluorouracil-containing ribonucleic acid or protein synthesis by Escherichia coli in vivo. Coll Cz Chem 28 no. 5: 1215-1223 My '63.

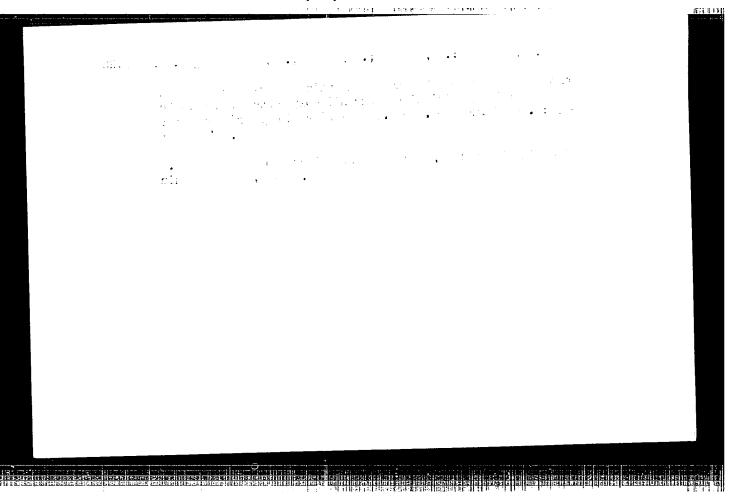
1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

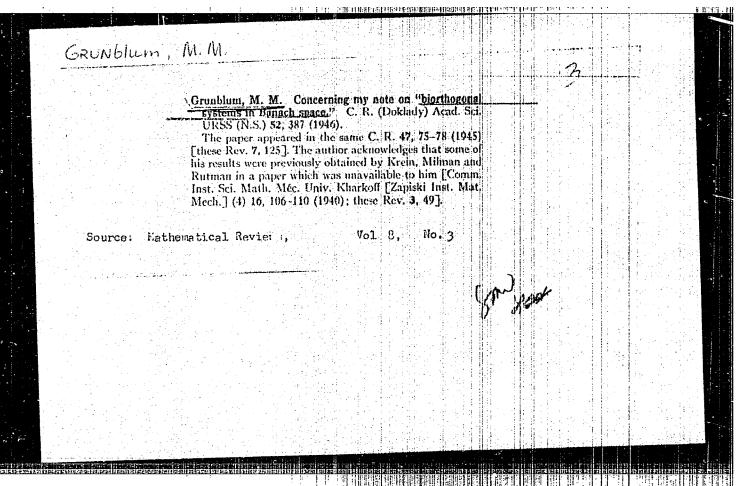
GROWINGER, D.; MASLOVA, R.N.; SCRM, F. Effect of 8-azaguanine on the synthesis of pulse-labeled ribo-

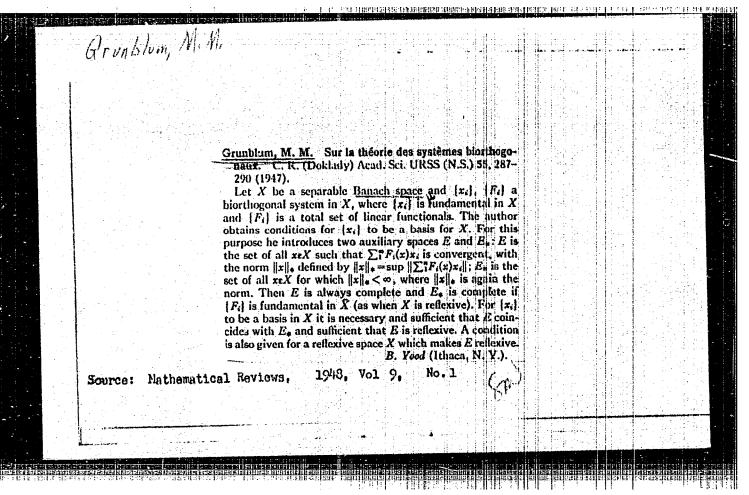
nucleic acid in Bacillus cereus. Coll Cz Chem 29 no.1:152-160 Ja 164

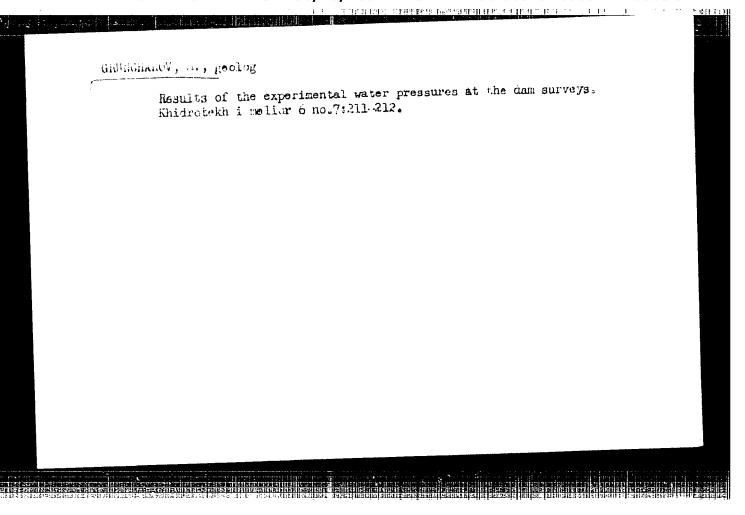
1. Institute of Organic Chemistry and Biochemistry, Cmechoslovak Academy of Sciences, Prague (for Grunberger and Sorm). 2. Institute of Radiation and Physicochemical Biology, Moscow (for Maslova).

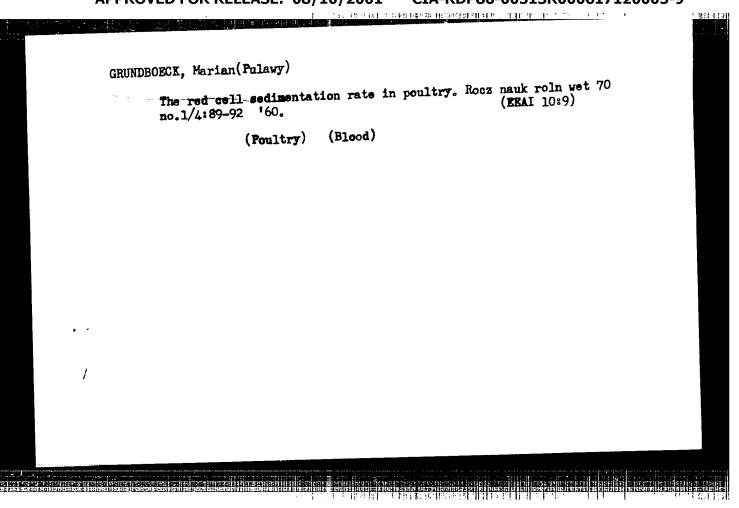












JUSZKIEWICZ, T.; MADEJSKI, Z.; GORZELEWSKA, K.; GRUNDBOECK, M. (Pulawy)

Studies on certain therapeutic and pharmacological properties of chlorpromazine hydrochloride in domestic animals. Rocs nauk roln wet 70 no.1/4:114-115 '60.

(Domestic animals) (Chlorodimethylaminopropylpherathiasine)

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GRUNCHAROV, D.

SCIENCE

Periodical: KHIDROLOGIIA I METEOROLOGIIA. No. 1, 1958.

GRUNCHAROV, D. The floods of the Maritsa River in 1957. p. 26

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 2 February 1959, Unclass.

rus es le respectivo adquirer presidentale si establica e la constanta de la constanta de la constanta de la c KAHENOV, Il., inzh.; GRUNCHAROV, Em., inzh. Possibilities of using the back water at the flowation of lead-zinc ores. Min delo 18 no. 11: 28-31 N \*63. 1. "Niproruda" (for Kamenov). DMMP "G. Dimitrov", Eliseina (for Grunsharov).

CIA-RDP86-00513R000617120005-9" APPROVED FOR RELEASE: 08/10/2001

Chest x-rays of miners with acute poisoning from explosion gases in subterranean mine chambers. Izv. Mikrob. inst., Sofia no.8:465-436 1957.

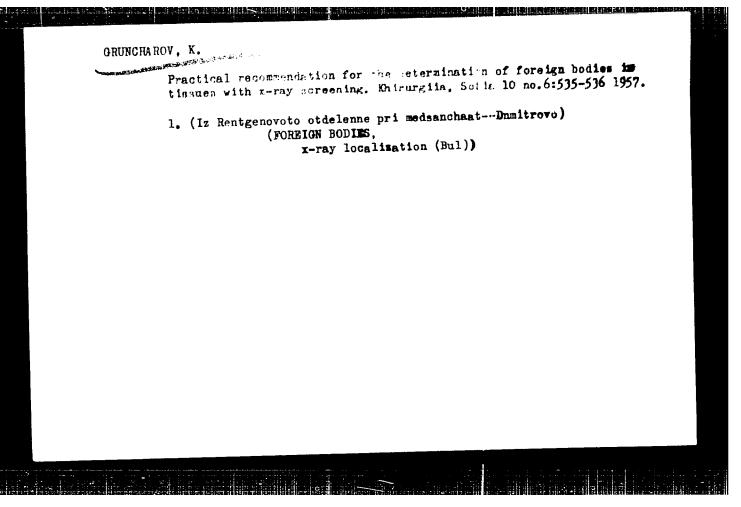
1. Rentgenovo otdelenie (zav. otdelenieto: d-r Kiril Gruncharov) pri nedsanchast na dmp mina georgi dimitrov dimitrovo.

(NITROGEN, pois.

nitric oxide & nitrogen di- & tetraoxide pois. in miners after subterranean mine explosion, chest x-rays (Bul))

(THONAX, radiog.

in nitric oxide & nitrogen di- & tetraoxide pois. in miners after subterranean mine explosion (Bul))



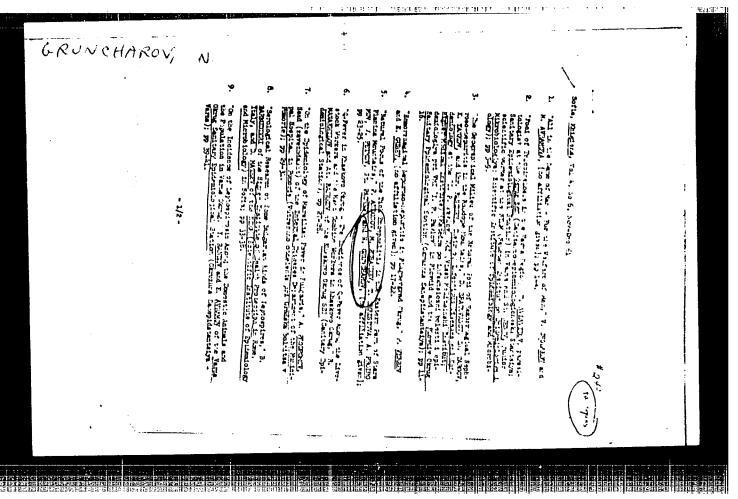
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		apiaries at Tulgaria)					
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1110 17	consti	ruction	of beeh	ives", p	136 (	KOOFFRA	TIVNO Z	EFFLIE,	Vol 6 #4.	. Apr. 1	951,	
ulg	aria)											
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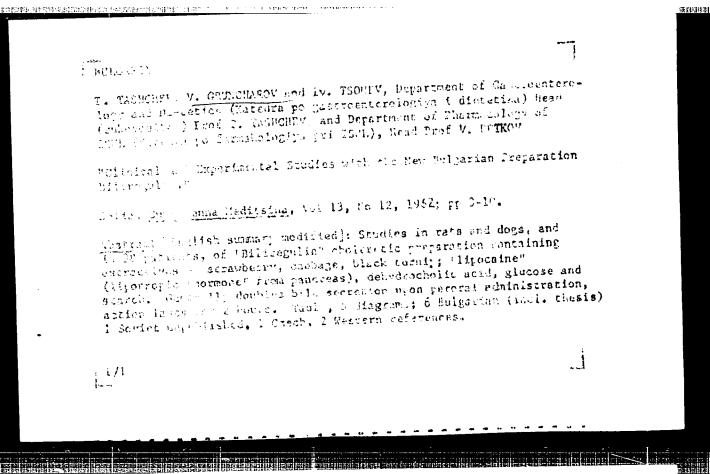
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VASILEY, V.; GRUNCHAROV, S.

Photoretinitis observed during eclipse of the sun. Khirurgiia, Sofia 9 no.5:422-427 1956.

1. Vissh med. inst. I.P. Pavlov--plovdiv ochna klinika Vr. direktor: prof. Tr. Zaprianov, Voenna Bolnitsa--plovdiv ochno otdelenie.

(RETINITIS, etiology and pathogenesis, photoretinitis caused by observation of eclipse of sun (Bul))

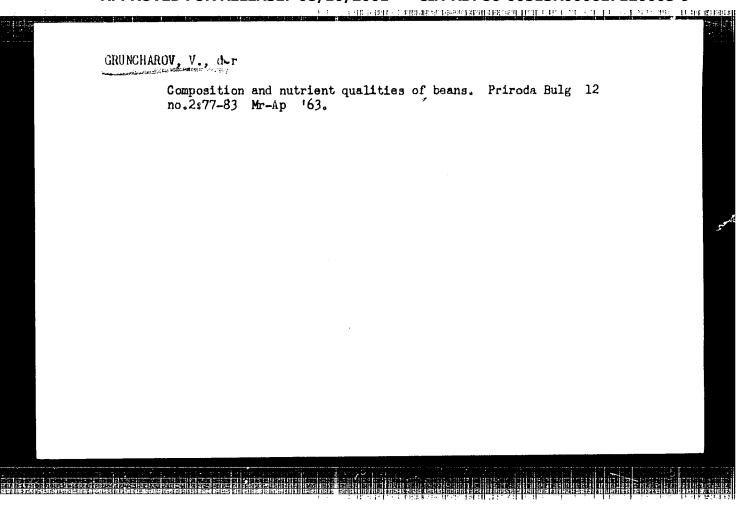
(SUNLIGHT, injurious effects, same)
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TASHEV, To; GRUNCHAROV, Vo; TSONEV, Iv.

Glinical and experimental studies on the new Bulgarian preparation "Biliregulin". Suvr. med. 13 no.12:3-10 '62.

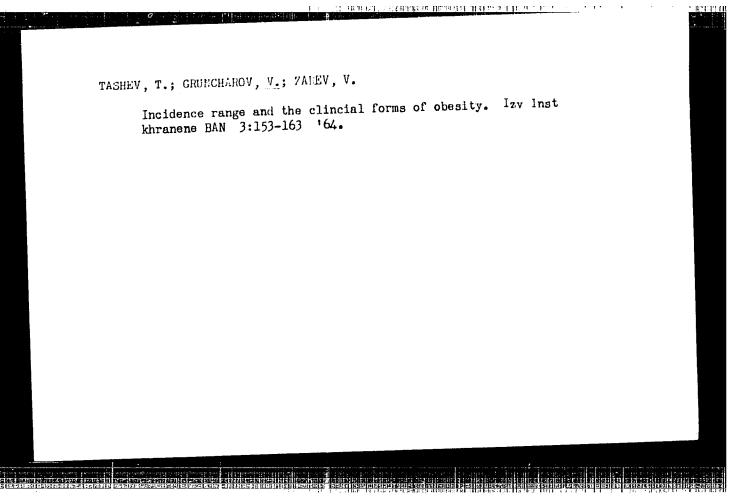
(CHOLEGOGUES AND CHOLERETICS)
(LIVER DISEASES) (BILE DUCTS)
(BILIARY DYSKINESIA)
(CHOLANGITIS)



TASHEV, T., prof.; ZOGRAFSKI, B.; GRUNCHAROV, V.; STAIKOV, G.; MERETEV, At.

Incidence range of atherosclere is in the Pleven Bistrict.

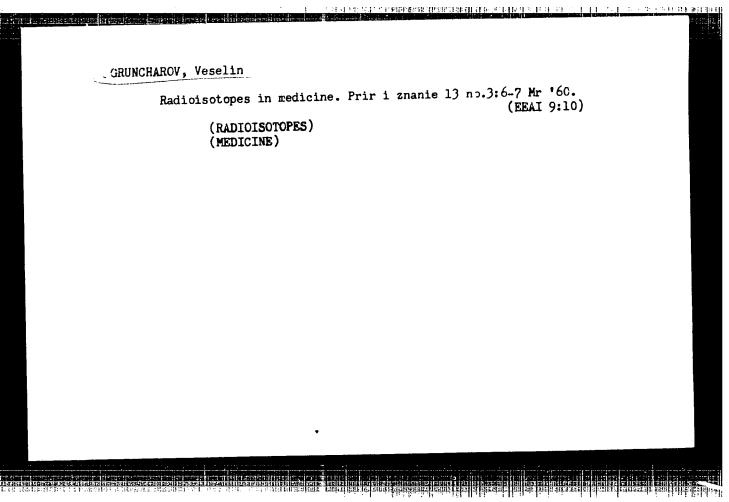
Izv Inst khranene BAN 3:99-112 '64.



TASHEY, T., Prof.; GRUNCHAROV, Ves.

Venous cholecystocholangiography with biligrafine. Suvrem. med., Sofia 8 no.5:54-63 1957.

1. Iz Katedrata no vutreshni bolesti sus stomshno-chrevni i chernodrobni zaboliavanila i lechebno khranene (Zav. katedrata: prof. T. Tashev). (CHOLECTSTOGRAPHY, cholecystocholangiography with biligrafine (Bul)) (CHOLANGIOGRAPHY, same)



6.] 《 [[秦]] 6.[6]

MAZHDRAKOV, G. M.; GRUNCHAROV, Ves.

The effect of some fats on blood coagulation. Suvrem med., Sofia no.1:23-29 '61.

l. Katedra po vutreshni bolesti sus stomashno-chrevni zaboliavaniia i dietichno khramene. (Rukov. na katetdrata prof. T. A. Tashev)

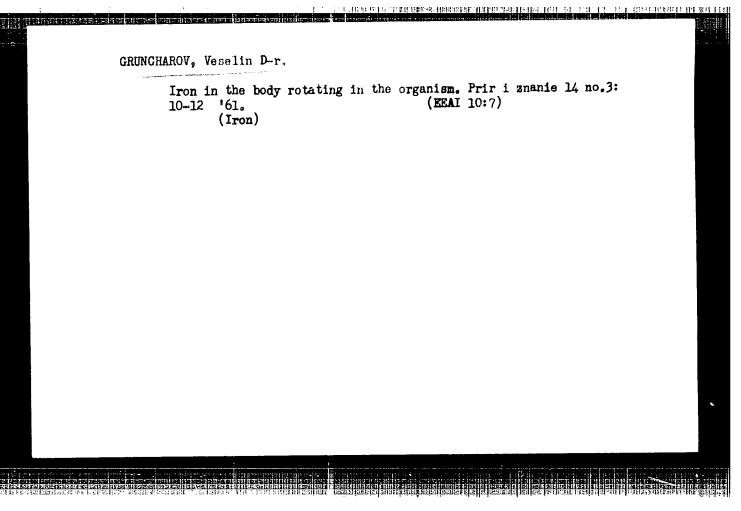
(FATS nutrition & dist)
(BLOOD COAGULATION physiol)

GRUNCHAROV, Ves. D-r.; KHUBANOVA, D. D-r.

Vitamins of the P group. Prir i znanie 14 no.2:3-4 '61.

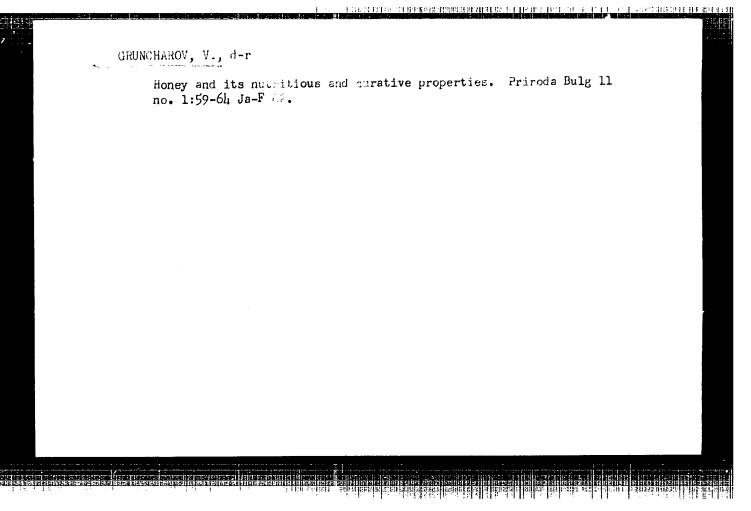
(EEAI 10:7)

(Vitamin P)



GRUNCHAROV, Veselin, d-r.

The garlic and its nutritious and healing properties. Prir i znanie
14, no.7:12-14, S'61.

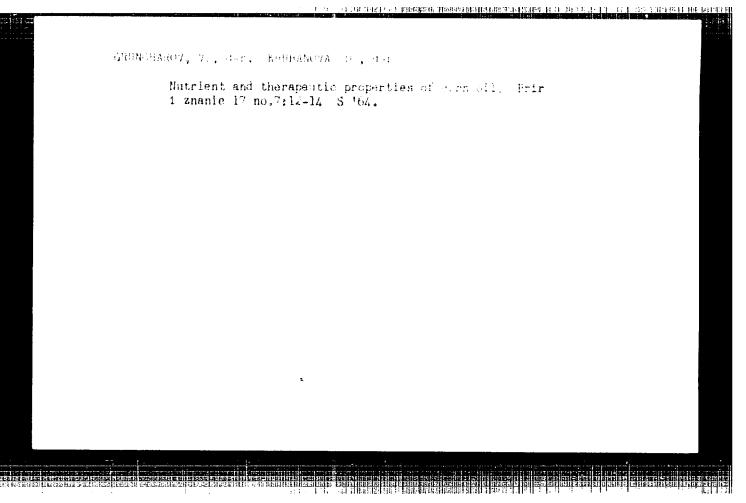


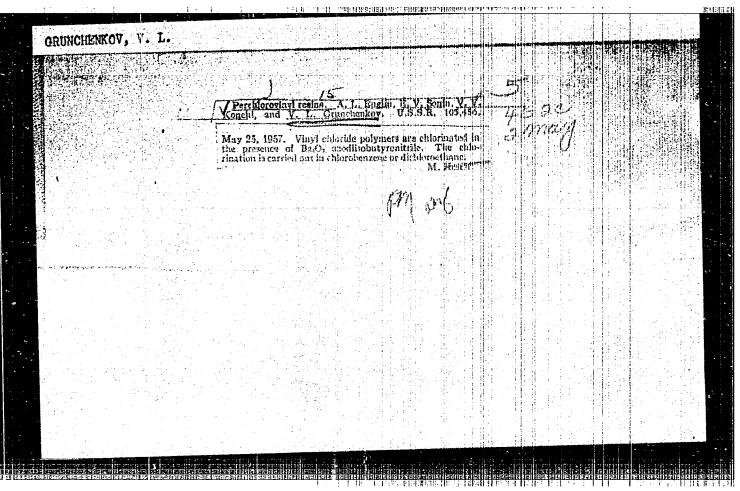
# GRUNCHAROV, Ves. Study on the nutritional and therapeutic properties of Bulgarian themstogen. Suvr. med. 14 no.1:7-13 '63. (DIET THERAPY) (TISSUE EXTRACTS) (PROTEINS)

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STOILDV, Zh., ZAREV, V.; GRENCHAROV, V.

Incidence range of gastrointestinal diseases in a section of the population in the Pleven District. Izv inst khranene BAN 3:183-192 164.





GRUNCHAROVA, D., inzh. (Ruse); MINEV, N. kh., inzh. (Ruse); ZIATEV, St., inzh. (Ruse); VIRONOV, G. inzh. (Ruse); OBRESHKOVA, G., inzh. (Ruse)

Manufacture and control of asbestine friction products in Bulgaria.

Mashinostroene 11 no.4:33-34 Ap 162.

GRUNCHAROVA, D., inzh.

Determination of the general coefficent of mafety with the mid of the Moor circle under a plane accessed condition. Mashinostroene 13 no.11v21-23 N \*64.

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SJ:	Eastern	European	Accessions	List,	Vol 3,	No 10,	0e <b>t</b>	1954,	Lib.	of Congre	ss	
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Organization and planning the operation of a repair shop in the machine-tractor station. P. 45 SECRNIK, RADA MECHANISACE MECHANISACE A ELEKRRIFIKACE SEMEDELSTVI A LESNICTVI Vol. 29, no. 1, Jan. 1956 Gzechoslovakia

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

KONONOV, N.A.; SEMENOVA, A.A.; GRUND, F.F.

Regeneration of spent acids and neutralization of acid in a naphthalene plant. Koks i khim. no.9:51 '63. (MIRA 16:9)

1. Kemerovskiy koksokhimicheskiy zavod. (Naphthalene) (Acids, Inorganic)

### 

SCHRADER, R., prof. dr.; ACKERMANN, G., prof., dr.; GRUND, H., Dipl.-Chem.

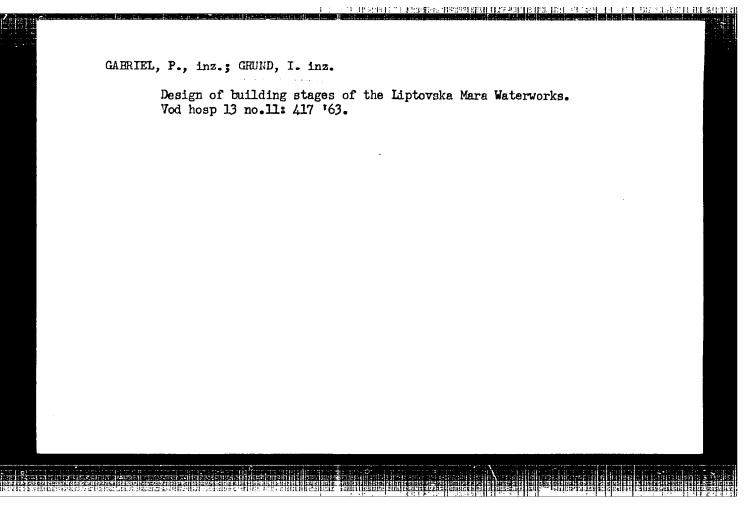
New methods for determining gas content in salts. II. Acta chemica Hung 33 no.1:31-38 162.

1. Institut fur anorganische Chemie der Bergakademie Freiberg, Freiberg(Sachs), Leipziger Strasse, Clements-Winkler-Bau, Deutsche Demokratische Republik.

GRUND, I.; KOMORA, J.; ROHAN, K.; STICH, O.

Hydrotechnical research on the Samarra Water Power Plant. Vodni hosp 13 no.9:327-329 '63.

1. Vyskumny ustav vodohospodarsky, Bratislava.



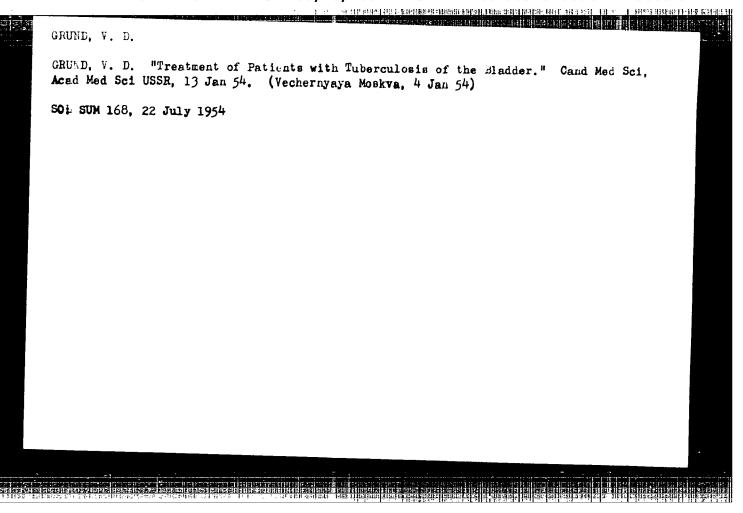
GABRIKI, P. inz.; GRUND, I., inz.

Liptovska Mara-Pesenova Waterworks. Vod hosp 13 no.11: 433'63.

GRUND, Mir.; HAZE, M., inz.; ZUZANEK, Jar., inz.

New design of a switch for a small point recorder. Automatizace 6 no.1:17-18 Ja '63.

1. Zavody prumyslove automatizace, n.p., zavod Nova Paka.



GRUND, V.D.

Modern methods of treating tuberculosis of the bladder. Probl.
tub. no.4:65-68 Jl-Ag '54. (MLRA 7:11)

1. Iz urologicheskogo otdeleniya (saveduyushchiy A.I.Mayants)
Instituta tuberkulexa Akademii meditsinskikh nauk SSSR (direktor
Z.A.Lebedeva, zamestitel' direktora po nauchnoy chasti professor N.A.Shmeley)

(BLADDER--TUBERCULOSIS)

GRUND, V.D.

Diagnostic value of cystourethrography in urogenital tuberculosis. Vest.rent. i rad. no.2:85-88 Mr-Ap 155. (MIRA 8:5)

1. Iz Urologicheskogo otdeleniya zav. prof. A.I. Mayants, Instituta tuberkuleza Akademii meditsinskikh nauk SSSR (dir. Z.A. Lebedeva, zam. direktora po nauchnoy chasti--prof. N.A. Shmelev).

(TUBERCULOSIS, UROGENITAL, diagnosis, cystourethrography)

USSR/Medicine FD-2262

Card 1/1 Pub 17-13/20

Author : Grund, V. D.

THE PROPERTY OF THE PARTY OF

Title : Experimental ulcerative tuberculosis of the bladder in rabbits and its

treatment with streptomycin

Periodical: Byul. eksp. biol. i med. 3, 51-54, Mar 1955

Abstract : Studied the dynamics of the development of experimental tuberculosis

of the bladder and the histological changes occurring in the ulcerative tubercular bladder and other internal organs of rabbits as a result of treatment with streptomycin and PASA. The tissues were examined at periods ranging from 10 days to one year after infection.

Photographs. Three references; all USSR, all since 1940.

Institution: Urological Department (Head-Prof. A. I. Mayants) of the Institute of

Tuberculosis (Director - Z. A. Lebedeva) of the Academy of Medical

Sciences USSR

Submitted: June 11, 1954 by I. V. Davydovskiy, Member of the Academy of Medical

Sciences USSR

GRUND, V.D., kandidat meditsinskikh nauk

entirely vile.

A rarc outcome of urinary calculi; perforation of the ureter with formation of an external fistula of the inguinal region. Urologiia 21 no.4:54-55 0-D '56. (MIRA 10:2)

1. Iz Kazakńskogo nauchno-issledovatel skogo tuberkuleznogo instituta (dir. - saslushennyy vrach Kazakhskoy SSR kandidat meditsinskikh nauk A. M. Zadvornykh)

(URETERS, calculi

causing perf. with form. of inguinal fistula)
(FISTULA, etiol. and pathogen
uretero-inguinal, caused by perf. of ureter in
ureterolithiasie)

GRUND, V.D.

Experimental ulcerous tuberculosis of the bladder in rabbits and its treatment. Probl.tub.34 no.6 supplement:48 H-D '56. (MLRA 10:2)

1. Iz urologicheskogo otdeleniya Instituta tuberkulesa (dir. Z.A. Lebedeva) Akademii mediteinskikh nauk SSSR.

(BIADDER--TUBERCULOSIS)

GRUND, V.D., kand.med.nauk

X-ray diagnosis of calcification foci in the abdominal cavity in the detection of diseases of the urniary tract. Urologiia 24 no.2:38-42 (MIRA 12:12)

1. Iz urologicheskogo otdeleniya (zav. - prof. A.B. Topchan) Gosudarstvennogo nauchno-issledovatel skogo instituta tuberkuleza Ministerstva zdravochraneniya RSFSR.

(URINARY TRACT, dis.

diag.. x-ray of intra-abdom. calcification foci

GRUND, V.D., kand.med.nauk

Treatment of tuberculosis of the urogenital system in a district tuberculosis dispensary. Probl.tub. 37 no.6:103-104 \*59.

(MIRA 13:2)

1. Ia urologicheskogo otdeleniya (zaveduyushchiy - prof. A.B. Tepchan)
Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhreneniya RSFSR (direktor - kand.med.nauk V.F. Chernyshev,
zamestitel' direktora po nauchnoy chasti - prof. D.D. Aseyev) i 6-go
protivotuberkuleznogo dispansera Moskvy (glavnyy vrach V.M. Masyagina).

(TUBERCULOSIS UROGENITAL ther.)

GRUND, V.D., kand.med.nauk

Bladder-ureteral reflux in patients with tuberculosis of the urogenital system. Urologiia no.6:44-45 '60. (MIRA 15:5)

1. Iz urologicheskogo otdeleniya (zav. - prof. A.B. Topchan) Instituta tuberkuleza Ministerstva zdravockhraneniya RSFSR. (GENITOURINARY ORGANS--TUBERCULOSIS)

GRUND, V.D. kand.med.nauk

Clinical aspects and treatment of cavernous tuberculosis of the prostate gland. Probl. tub. no.5:57-60 '61. (MIRA 15:1)

1. Iz prologicheskogo otdeleniya (zav. prof. A.B. Topchan [deceased]) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. V.F. Chernyshev, zam. dir. po nauchnoy chasti prof. D.D. Aseyev).

(PROSTATE GLANN -TUBERCULOSIS)

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MOCHALOVA, T.P.; GRUND, V.D.; DANILOVA, N.K.; EFIMOVA, L.M.

Cycloserine therapy of urogenital tuberculosis. Probl.tub. no.7:67-71 '62. (MIRA 15:12)

1. Iz urologicheskogo otdeleniya (zav. - kandidat meditsinskhikh nauk T.P.Mochalova) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - T.P.Mochalova, zam. dir. po nauchnoy chasti - prof. D.D.Aseyev) Ministerstva zdravookhreneniya RSFSR.

(CYCLOSERINE) (GENITOURINARY ORGANS-TUBERCULOSIS)

TOPCHAN, A.B. [deceased], prof.; GRUND V.D., kand.med.nauk;

MOCHALOVA, T.P., kand.med.nauk

Site of resection of the kidney in the overall compond treatment of tuberculosis of the kidneys. Urologila 27 no.4:21-24 Jl-Ag '62.

(MIRA 15:11)

1. Iz urologicheskogo otdeleniya (zav. - prof. A.B. Topchan [deceased]) Gosudarstrennogo nauchno-isaledovatel'skogo instituta tuberkuleza Ministerstva zdravochraneniya RSFSR.

(KIDNEYS—TUBERCULOSIS) (KIDNEYS—SURGERY)

GRUND, V.D., kand. med. nauk

Clinicorentgenological parallels in some destructive forms of renal tuberculosis. Urologiia 28 no.3:10-15 '63 (MIRA 17:2)

1. Iz urologicheslogo otdeleniya ( zav. - kand. med. nauk T.P.Mochalova) Nauchno-issledovatel skogo instituta tuberkuleza Ministerstva zdravookhraneniya.RSFSR.

PELISEK, Josef, prof., inz. dr., DrSc.; GRUMMA, E., inz., GSc.

Soil conditions of Drahanska vysocina with regard to the occurrence of fir. Les cas 9 no.10:853-874 0 '63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Brno.

1 CONTRACTOR DE CENTRAL DE LA CONTRACTOR DE LA CONTRACTOR

CERNA, J.; GRUNDBERGER, D.; SORM, F.

Nucleotide peptides in Escherichia coli. Coll Cz Chem 26 no.4: 1212-1214 Ap \*61.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

(Peptides)

POLAND

GRUNDEDECK, Marian, Laboratory of Coll Pathology (Pracownia Patologii Komorkowej), Veterinary Institute (Instytut Weterynarii) in Pulawy (Director: Prof. Dr. Tadeusz ZULINSKI)
"Principles and Application of Fluorescence Microscopy."
Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 6, Jun 63, pp 337-340

Abstract: [Author's English summary] Following a brief description of the basic principles of photoluminescence and essential components of the fluorescence microscope, the author reviews the applications of primary and secondary fluorescence, describes the technique of staining nucleic acids with acridine orange and of fluorechroming acid fast organisms with an auramine-rhodamine mixture, and discusses the advantages and disadvantages of fluorescence microscopy. References include one each Polish, Soviet, and Viennese, and nine English periodicals, in addition to two each German and English textbooks.

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9

GRUNDEL, F.

GRUNDEL, F. Terminology in the plastics and rubber industry. p. 31.

Vol. 3, no. 2, Feb. 1954 NORMALISACE TECHNOLOGY Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

GRUNDEL, F.

"Treatment of Waste in the Production of Plastic Naterials." p. 19, Praha, Vol. 4, no. 1, Jan. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

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GRUNDEL F.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products I-23

and Their Application -- Synthetic polymers.

Plastics

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 9828

Author : Grundel, F. Not given

Title : The Utilization of the Elastic Properties of Plast-

ics.

Orig Pub: Chem. prumuysl., 1955, Vol 5, No 6, 250-253 (in

Czech)

Abstract: Examples of the utilization of relaxation effects

in articles made from rigid polyvinyl chloride are presented. The articles are cast in the region of high-elastic deformation in order to increase the cohesion of structural elements of

different design,

Card 1/1

# APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617120005-9"

Plastic leather in transportation. p.371. (Svet Motoru, Vol. 11, No. 12, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1977. Uncl.

VETT FOR Omechoslovakia H-29

OKULGORY

ABB. JOUR. : AZKhim., No. 1959, No. 88500

AUTHOR

: Grundel, F.

THOR.

TITLE

: Mechanization and Automation of Stamping of

Novodur

ORIG. PUB.: Automatizace, 1959, 2, No 3, 80-81

MESTRAUT : Description of the characteristics of the automatic machines Fatra (AF) and Tekhnoplast-Knropine / BEFRACE (ATRA), built in Czechoslovakia for stamping and punching of articles from thermoplastic films, sheets, plates and tubes. By means of these automatic machines, containers are manufactured from Novodur, a rigid polyvinyl chloride plastic film, which is preheated in a special attachment of the machine. AF is designed for the production of small, and ATKh of larger containers, the output of each machine being of approximately 15 000 items per hour; the AF fabricates 30 kg of Novodur per hour, and ATKh -- 120 kg per hour. -- L. Pesin.

CaPD:

### APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617120005-9"

CZ/4-60-3-6/44

AUTHOR:

Grunděl, František, Technical Deputy Director

TITLE:

The Fatra Plant at Napajedla,

PERIODICAL:

Nová Technika, 1960, No. 3, pp. 111 - 115

The author deals with the development and the production of the Fatra Plant at Napajedla. After a brief historical review the article states: that in the course of the reorganization of the Czechoslovak economy in 1958, the Fatra Plant became the center of a new economic unit by merging the plants Gumotex at Breclav, Technoplast at Chropyna, Granitol at Moravski Beroun, and a series of small plants in the area of Olomouc and Hostinna. First the plant produced Novodur foils (see photograph 6) and toys from PVC (see photographs 1  $\sim$  4), than waterproof cloaks from Novoplast foils (see photograph 7), sealing covers for preserves etc. The table (p. 112) gives percentual data on the production value in Kcs, the productivity of work, the number of workers, and the profit, for the years 1945, 1950, 1955 and 1959. The Plant was awarded with the Rad prace (Medal years 1945, 1950, 1955) and 1959. of Work), the Rudy prapor vlady a URO (Red Banner of the Government and the URO), the Red Banner of the Ministry for Chemical Engineering etc. The team of Ant. Planeta (see photograph 8), the mechanic Frant, Strčálek and Jar. Petřík from the workshop "Automation and Mechanization" is bearer of the Medal of Work. During

The Fatra Plant at Napajedla.

CZ/4-60-3-6/44

不好性觀點和跨場的調訊對某的海海區與於此時的主意中的一点上數是的財政制度制度

the past three years the mechanization and automation of the high-frequency welding by means of 6 types of single-purpose machines and 3 universal automatics succeeded. In 1960, the production of PVC floorings should be increased by 100% compared to 1955. The automatic press (Patent Nr 85880) developed by Sigmund (see photograph 9) made possible the increase of productivity by 320%. In 1960, a half million tourist bottles made from polyethylene should be produced (see photograph 5). Percentual data on the planned increase of production and productivity, and the reduction of the prime costs during the Third Five-Year Plan follow. The output of polyethylene products should be increased by 300%, of PVC products by 20.7% only, of polyvinylbyral by 100%; the production of polypropylene should be taken up. New production lines for polyethylene and Novodur tubes will be put into operation, and the transportation inside the plant mechanized. Information on the Socialistic competition, on the cultural achievements for workers, and on the obligations of workmen to work up scrap material and to save material conclude the article. Photograph 10 shows an automatic producing stoppers from Novodur foils according to patent Nr 85889, as described in the periodical "Automatizace", 1959, Nr 3, p 80. There are 10 photographs and 1 table.

Card 2/2

# GRUNDEL, Frantisek 15 years of successful work in the Fatra Napajedla Factory for plastics. Nova technika no.3:111-115 Mr '60. 1. Technicky namestek reditele.

8/081/62/000/021/055/069 B162/B101

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AUTHOR:

Grunděl, František

TITLE:

Method of application of plastics or rubber on the surface

of an article

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 21, 1962, 470, abstract 21P176 (Czech. pat. 98857, March 15, 1961)

TEXT: Polymers in the form of plasticols, latex or solution are applied continuously on a paper or a textile band in the form of a fine film, which runs out from one or several slot dies layed out consecutively. The speed at which the mass runs out is equal to the speed of the moving band. The further treatment is carried out by the methods known in . installations working continuously. A diagram and the installation system are given. Abstracter's note: Complete translation.

Card 1/1

S/282/63/000/001/010/011 A059/A126

AUTHOR: Grundel, Frantisek

TITLE: An extruder for the continuous mastication of plastics

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PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye 1 kholo-

dil'noye mashinostroyeniye, no. 1, 1963, 69, abstract 1.47.478 P

(Czech. pat., cl. 39a, 19/05, no. 100042, June 15, 1961)

TEXT: In the suggested extruder, the screw diameter in the feeding region is three times as large as the screw diameter in the delivery region. The chamber of the compression zone is a truncated cone with helical grooves smoothly connecting the feeding region with that of delivery. Such an equipment secures the increase of the compression ratio up to 6:1 in a short section. The length of the screw is reduced more than 2.5 fold without any decrease of the heating surface. A large diameter in the region of feeding and at the beginning of the region of delivery, and great peripheral speed enhance thorough mixing of the material. Owing to the small screw diameter in the region of delivery, low axial pressure appears. Both screws can be placed into the feeding portion

Card 1/2

S/282/63/000/001/010/011
An extruder for the continuous mastication of .... A059/A126

which rotate in different directions, with a possible deviation of the diameter of the second screw from that of the first, but the length of the second screw has to be equal to that of the region of supply in the first screw. There are + figures.

I. Grossey

grand printer comment to the com-

[Abstractor's note: Complete translation]

Card 2/2

GRUNDEL, Frantisek; KOVACIC, Ludomir, inz.

Piping from plastics. Tech praca 16 no.5:337-339 My '64.

1. Head of the Technical Development Section of the Fatra Napajedla National Enterprise (for Grundel). 2. Dem techniky, Bratislava (for Kovacic).

不同形式 拉丁 医乳中腺病 有应应时期间指挥某个目标检查标准 电气气 生生 一工 工

GRUNDINSKIY, P.G., professor; KUVSHINSKIY, N.N., dotsent, kandidst tekhnicheskikh nauk; SEMENOV, S.N., inzhener; BUGRINOV, Ye.A., inzhener.

Remarks on L.D.Dvoskin's article "New scheme and construction of the distributing system of an electric power station."

Elektrichestvo no.6:86-88 Je '54. (MLRA 7:7)

1. Moskovskiy energeticheskiy institut im. Molotova (for Grundinskiy, Kuvshinskiy) 2. Mosenergoproyekt (for Semenov, Bugrinov)

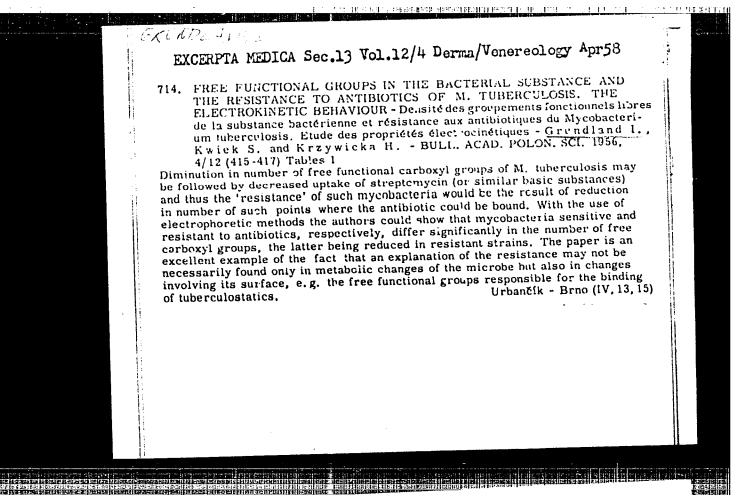
(Dvoskin, L.D.) (Electric power stations)

GRUNDL, Z.; VERNESCU, E.

Some problems regarding the designs of dwellings in Pucharest for the 1958 period. p. 575.

REVISTA CONSTRUCTILOR SI A MATERIALELOR DE CONSTRUCTIL. (Asociatia Stiintifica a Inginerilor si Technicionilor din Rominia si Minisrerul Constructilor si al Marerualelor di Constructii) Eucuresti, Rumania. Vol. 10, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.6, June 1959 Uncl.



USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour

: Ref Zhur - Biol., No 10, 1958, 43205

Author

: Grundlyand, I., Kvek, S., Kshivitskaya, G.

Inst Title Interrelationship Between the Density of the Uncombined Active Groups in the Bacterial Substance and Mycobacterium Tuberculosis Resistance to Antibiotics. An Outline of

Electrokinetic Properties.

Orig Pub

: Byul. Polskoy AN, 1956, Otd. 2, 4, No 12, 439-442

Abstract

: According to the hypothesis of Biley and Cavallito (Biley, Cavallito, J. Bacteriol., 1950, 60, 269), the ability of bacteria to bind streptomycin depends on the presence of acid groups in the cytoplasm of the microbial cell. Resistance of mycobacteric to antibiotics is considered as being due to a decrease in the number of carboxyl groups in their composition. Measuring the electrophoretic mobility of microbial cells makes possible determination of

Card 1/2

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: Ref Zhur - Biol., No 10, 1958, 43205 Abs Jour

> their electrokinetic potential and calculation of the density of the load per unit of cell surface; from this the number of acid groups in the cells can be established. Measurements made by the authors substantiated the correctness of the Biley and Cavallito hypothesis.

FOLAND / Microbiology. Antibiosis and Symbiosis. Antibiotics.

F

Abs Jour

: Ref Zhur. - Biol., No. 21, 1958, No 95069

Author

: Grundland, Ignacy

Inst Title

: Concerning Some Chemical Problems Connected

with the Technical Utilization of Antibiotics:

Orig Pub

: Przem. spozywczy, 1958, 12, No. 3, 94-99

Abstract

: No abstract.

Card 1/1

# APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000617120005-9"

GRUIDLAID, I.

SCIENCE

periodicals: WIADCHESCI CHEMECEME Vol. 12, no. 12, Dec. 1958

GRUNDLAND, I. The effect of innizing radiation on biological substances; possibilities of chemical cointeraction, p. 71.

Monthly List of East European Accessions (ELAI) LC Vol. 8, no. 5 May 1959, Unclass.

GRUNDLYAND, I. [Grundland, J.], KSHIVITSKAYA, K. [Krzywicka, K.]

RHOYNATSKIY, M. [Chojnacki, M.].

Physicochemical mechanism of photoreactivation of bacteria following ultraviolet irradiation [with summary in English].

Biokhimiia 23 no.5:645-648 S-0 '58 (MIRA 11:11)

1. Biokhimicheskiy i biofizicheskiy institut Pol'skoy Akademii nauk, Varshava.

(ULTRAVIOLET RAYS, effects.

on bact. photoreactivity (Rus))

(BACTERIA, effect of radiation,

ultraviolet rays, on photoreactivity (Rus))

Grundland, I.

New concepts of the construction and synthesis of protein. p. 45.

PRZEMYSL SPOSYWCZY. (Stowarzyszenie Naukowo-Technicane Inzymierow i Technikow Przemyslu Spozywczego) Warszawa, Poland. Vol. 13, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. No. 2, Feb. 1959.
Uncl.

